

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (CANCELLED)
2. (CANCELLED)

3. (Currently Amended) A display panel comprising:

a display image generator configured to generate a display image according to inputted display data; and

a display image separator configured to separate the display image, at one time or in a time division manner, according to a plurality of viewpoints,

the display image generator comprising an active matrix type display panel,
the active matrix type display panel being designed such that each region
surrounded by gate lines and source lines includes a pixel, the pixel includes auxiliary
capacity wiring comprising an auxiliary capacitor, the auxiliary capacity wiring
comprising a narrower line width at an intersection with a source line than a line width in
a pixel pattern, a direction in which the display image is separated according to a plurality
of viewpoints is a lateral direction, the source lines extend in a longitudinal direction, and
aperture sections in each pixel pattern of the display panel positioned between the
auxiliary capacity wiring and the source line having have a width set so as not to fall
within a range specified by the following inequality:

2 μm < (minimum width of the aperture sections in the pixel) < 7 μm .

4. (original) The display panel according to claim 3, wherein the width of the aperture sections in the pixel pattern of the active matrix type display panel is set so as not to fall within a range specified by the following inequalities:

2 μm < (minimum width of the aperture sections in the pixel) < 8 μm , and
10 μm < (minimum width of the aperture sections in the pixel) < 16 μm .

5. (Currently Amended) A display panel comprising:
a display image generator configured to generate a display image according to
inputted display data; and

a display image separator configured to separate the display image, at one time or
in a time division manner, according to a plurality of viewpoints, the display image
generator being comprising an active matrix type display panel,

the active matrix type display panel being designed such that each region
surrounded by gate lines and source lines includes a pixel, the pixel includes auxiliary
capacity wiring comprising an auxiliary capacitor, the auxiliary capacity wiring
comprising a narrower line width at an intersection with a source line than a line width in
a pixel pattern, a direction in which the display image is separated according to a plurality
of viewpoints is a lateral direction, the source lines extend in a longitudinal direction, and
comprising a light shielding film is provided to avoid light entering aperture
sections in each pixel pattern of the display panel, having a gap positioned between the
auxiliary capacity wiring and the source line.

6. (Cancelled)

7. (Original) The display panel according to claim 5, wherein the width of the
aperture sections shielded by the light-shielding film is set to satisfy the following
inequality:

2 μm < (minimum width of the aperture sections in the pixel) < 7 μm .

8. (Cancelled)

9. (Previously Presented) The display panel according to claim 3, wherein the active matrix type display panel is a TFT (thin film transistor) driven type display panel.

10. (Previously Presented) A display apparatus comprising the display panel according to claim 3.

11. (Previously Presented) A display panel comprising:
a display image generator configured to generate a display image according to inputted display data, the display image generator comprising an active matrix type display panel, the active matrix type display panel comprising:
signal lines;
auxiliary capacitors; and
aperture sections provided between the signal lines and the auxiliary capacitors; and
a display image separator configured to separate the display image according to a plurality of viewpoints; and
wherein a parameter of the aperture sections is chosen to maintain, below a predetermined crosstalk value, any crosstalk caused by diffraction of light which has passed through the display image separator and into the aperture sections.

12. (Previously Presented) The display panel of claim 11, wherein the parameter is width of the aperture sections.

13. (Previously Presented) The display panel of claim 11, wherein the width is chosen not to be in a range of more than 2 μm and less than 7 μm .

14. (Previously Presented) The display panel of claim 11, wherein the predetermined crosstalk value is 5.6.

15. (Previously Presented) A display panel comprising:
 - a display image generator configured to generate a display image according to inputted display data, the display image generator comprising an active matrix type display panel, the active matrix type display panel comprising:
 - signal lines;
 - auxiliary capacitors; and
 - auxiliary capacity lines extending essentially orthogonally to the signal lines and connecting to the auxiliary capacitors;
 - aperture sections provided between the signal lines, the auxiliary capacity lines, and the auxiliary capacitors; and
 - a display image separator configured to separate the display image according to a plurality of viewpoints; and

wherein a parameter of the auxiliary capacity lines is chosen to control negative capacitance and thereby to maintain, below a predetermined crosstalk value, any crosstalk caused by diffraction of light which has passed through the display image separator and into the aperture sections.
16. (Previously Presented) The display panel of claim 15, wherein the parameter is width of the auxiliary capacity lines at an intersection of the auxiliary capacity lines and the signal lines.
17. (Previously Presented) The display of claim 15, wherein the parameter is area of the auxiliary capacity lines at an intersection of the auxiliary capacity lines and the signal lines.

18. (Previously Presented) A display panel comprising:

a display image generator configured to generate a display image according to inputted display data, the display image generator comprising an active matrix type display panel, the active matrix type display panel comprising:

signal lines;

auxiliary capacitors; and

aperture sections provided between the signal lines and the auxiliary capacitors; and

a display image separator configured to separate the display image according to a plurality of viewpoints; and

a shield configured to block potential crosstalk-causing diffraction rays which have passed through the display image separator and into the aperture sections.